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(PTO ASSISTANCE)

Application :	<u>10/698,579</u>	Examiner :	<u>Price</u>	GAU :	<u>1621</u>
From :	<u>MR</u>	Location :	<u>IDS</u> FMF FDC	Date :	<u>10-14-05</u>
Tracking # :			<u>06102555</u>	Week Date : <u>05-09-05</u>	

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<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
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<input type="checkbox"/> DRW	_____	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input checked="" type="checkbox"/> SPEC	<u>10.31.03</u>	

[RUSH] MESSAGE: Table 11 on specification pg. no. 51 (10-31-03)
has some illegible data same as table 21 on
pg. 75.
Please resolve.
Thank you,
MR

[XRUSH] RESPONSE: _____
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TO: Rori Burch
USPTO Publishing Division

FAX NO: (703) 746-6830

FROM: Susan Schwarz
Assistant to Robert C. Hyta

NO. OF PAGES: 5, including cover

DATE: November 7, 2005

Application No.: 10/698,579

Atty. Docket No.: PC3-058

SUBJECT/MESSAGE:

Ms. Burch,

Accompanying this fax is copy of office communication dated 10/28/05, along with our best copies of pages 51 and 75 of the Application. If these copies are not of sufficient quality, we would be happy to scan the copies and email them to you. If so desired, please advise and provide us with your email address.

Thank you,
Susan Schwarz
sschwarz@wellsstjohn.com

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/698,579	10/31/2003	Yuichi Ikubo	PC3-058	1655
21567	7590	10/28/2005	EXAMINER	
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			ART UNIT	PAPER NUMBER
			1621	

DATE MAILED: 10/28/2005

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Date Mailed
10/28/05

NOTICE TO FILE CORRECTED APPLICATION PAPERS***Notice of Allowance Mailed***

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 30 days from the mail date of this Notice within which to correct the informalities indicated below. A failure to reply will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136 (a) or (b).

- Specification---pages 51 and 75 contain illegible data in table.

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TABLE 11. C ₃ Cl ₃ F ₆ to CFC-217ba with Different Catalyst Systems										
Catalyst	RUN CONDITIONS				RESULTS					
	Temp (C)	Time (sec)	Mole Ratio C ₃ Cl ₃ F ₆	Conversion CFC-217ba	Selectivity to CFC-217ba	% GC Area				
						CFC-13	CF-218	CFC-115	CFC-217ba	CFC-114
NiCl ₂ /ZnCl ₂ /AC*	300	27.7	3.2	20.1	1.7	0.08	0.01	0.04	0.34	1.01
	400	29.6	3	46.5	8.6	18.25	3.81	0.16	3.97	6.81
	450	18.9	5.3	43.9	85	0.64	0.01	0.07	8.72	0.86
Activated Carbon	400	19.7	5.7	42.4	64.5	0.34	0.03	0.22	33.23	0.61
	450	18.4	5.3	28.7	77.1	0.60	0.03	0.05	17.02	0.50
	480	10.1	5	56.6	90.7	0.81	0.38	0.36	51.23	0.89
ZnCl ₂ /AC	300	10.4	6.5	21.0	3.3	0.01	0.00	0.01	0.69	0.64
	400	19.1	4.2	21.8	51.6	0.13	0.01	0.13	11.22	0.67
	450	9.2	5.2	14.6	55.7	0.81	0.00	0.09	6.67	0.61
2% FeCl ₃ /AC	480	19.6	5	73.3	91.6	1.24	0.39	0.69	59.86	0.68
	400	11.2	6.2	87.6	86.7	0.79	3.74	0.17	70.89	0.35
	450	10.3	6.2	99.9	35.5	6.88	6.69	1.92	64.62	6.88
6% FeCl ₃ /AC	300	10.6	6.5	15.3	5.7	0.02	0.00	0.00	0.90	0.49
	400	19.5	4.2	38.9	74.3	0.16	0.02	0.10	16.08	0.52
	450	19.5	4	48.4	86.2	0.61	0.16	0.29	35.58	0.60
CrCl ₃ /AC	480	19.7	5	89.5	88.4	1.46	0.97	0.76	71.05	0.88
	300	10.5	6.5	52.1	5	0.05	0.00	0.04	2.05	1.63
	400	20.0	5.7	34.5	71.2	0.44	0.04	0.42	29.85	3.27
KF / AC	450	18.9	4	66.4	84.6	0.60	0.13	0.34	39.81	1.53
	480	18.8	3.8	74.2	84.4	1.81	0.47	0.77	58.97	1.27
	400	19.6	4.2	19.6	34.6	0.23	0.01	0.09	15.10	0.21
Chrome Gel @**	450	19.6	4	84.3	63.7	1.46	0.40	0.46	77.18	0.55
	480	19.4	5	79.2	68.4	1.94	1.56	0.66	75.04	0.87
	400	16.1	2.5	35.2	36.75	3.46	0.07	2.39	12.93	n/d
	480	18.98	9.5	85.94	84.2	n/d	4.07	0.20	72.36	n/d

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Table 21. Selective Chlorination of HFC-227ea

Starting Material % Composition: CFC-227ea 99.8678 CFC-227ca 0.0749						
Activated Carbon	Reaction Conditions		Results (%)			
	Reactor Temperature (C)	Contact Time (s)	Cl ₂ /HFC-227 Molar	Conversion	Selectivity	CFC-227ca CFC-217ca
	250	13.3	2.01	24.49	98.85	0.0628 0.0219
	300	12.8	1.81	54.46	98.91	0.064 0.0223
	325	11.9	1.48	48.15	96.78	0.0744 0.0217
	325	21.9	2.69	98.91	n/d*	0.0767
	350	13.2	1.97	65.51	96.2	0.0548 0.0281
	325	22.3	2.91	98.14	98.25	0.0063 0.0751
	200	38.5	0.16	3.23	71.21	0.0981 0.0055
	300	21.8	0.55	44.81	96.51	0.0701 0.0211
*n/d = non-detectable						
Starting Material % Composition: CFC-227ea 99.5013 CFC-227ca 0.1411						
Activated Carbon	Reaction Conditions		Results (%)			
	Reactor Temperature (C)	Contact Time (s)	Cl ₂ /HFC-227 Molar	Conversion	Selectivity	CFC-227ca CFC-217ca
	300	16.3	0.174692697	18.3	96.8	0.1255 0.0113
	300	15.8	0.34	46.8	98.6	0.0899 0.0414
	300	14.8	0.328435145	55.6	98.5	0.0829 0.0531
	300	26.9	0.84	79.2	98.7	0.0341 0.093

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